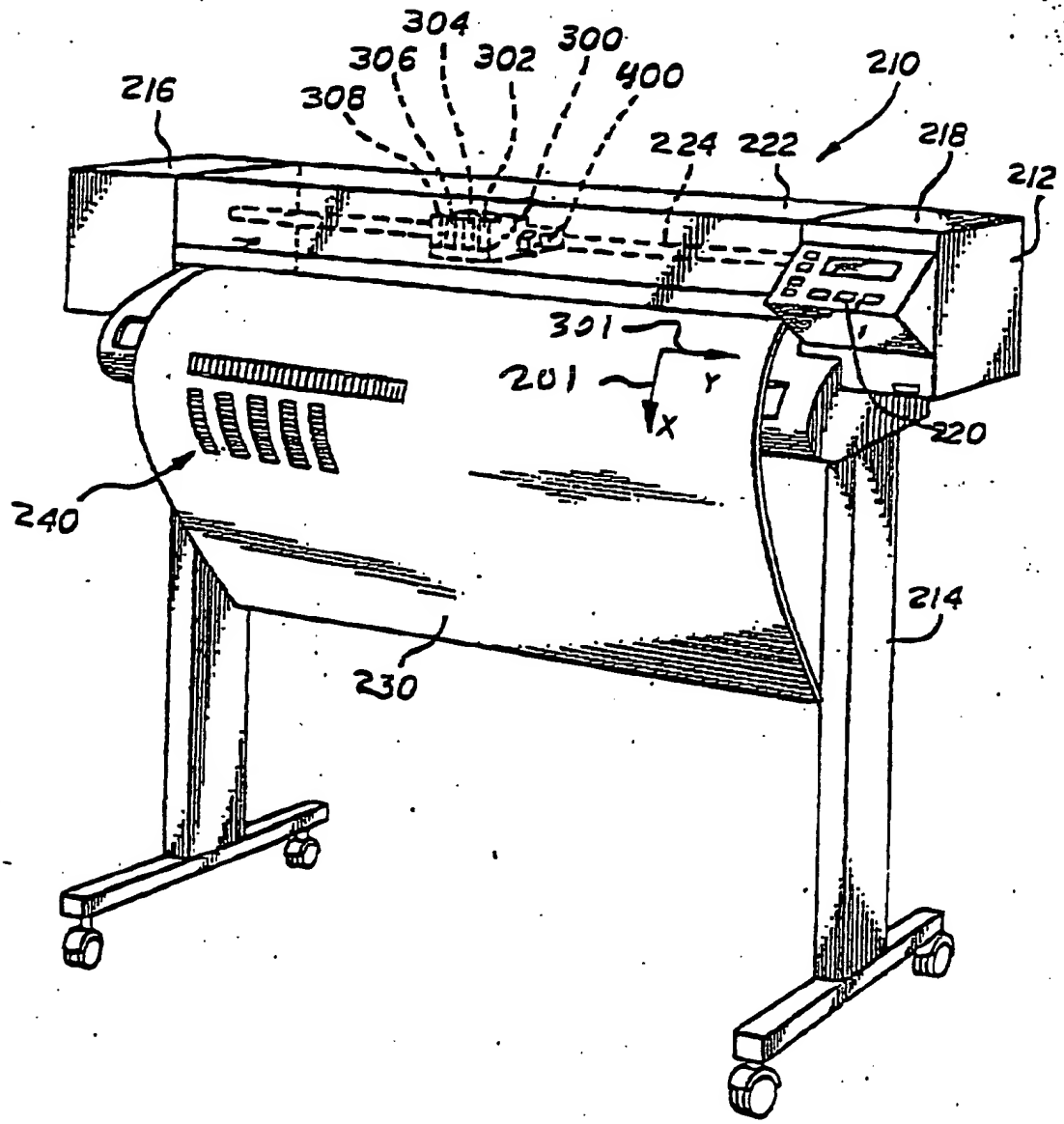


FIG. 1A

00:0020:56505600

00T020' 98696h60

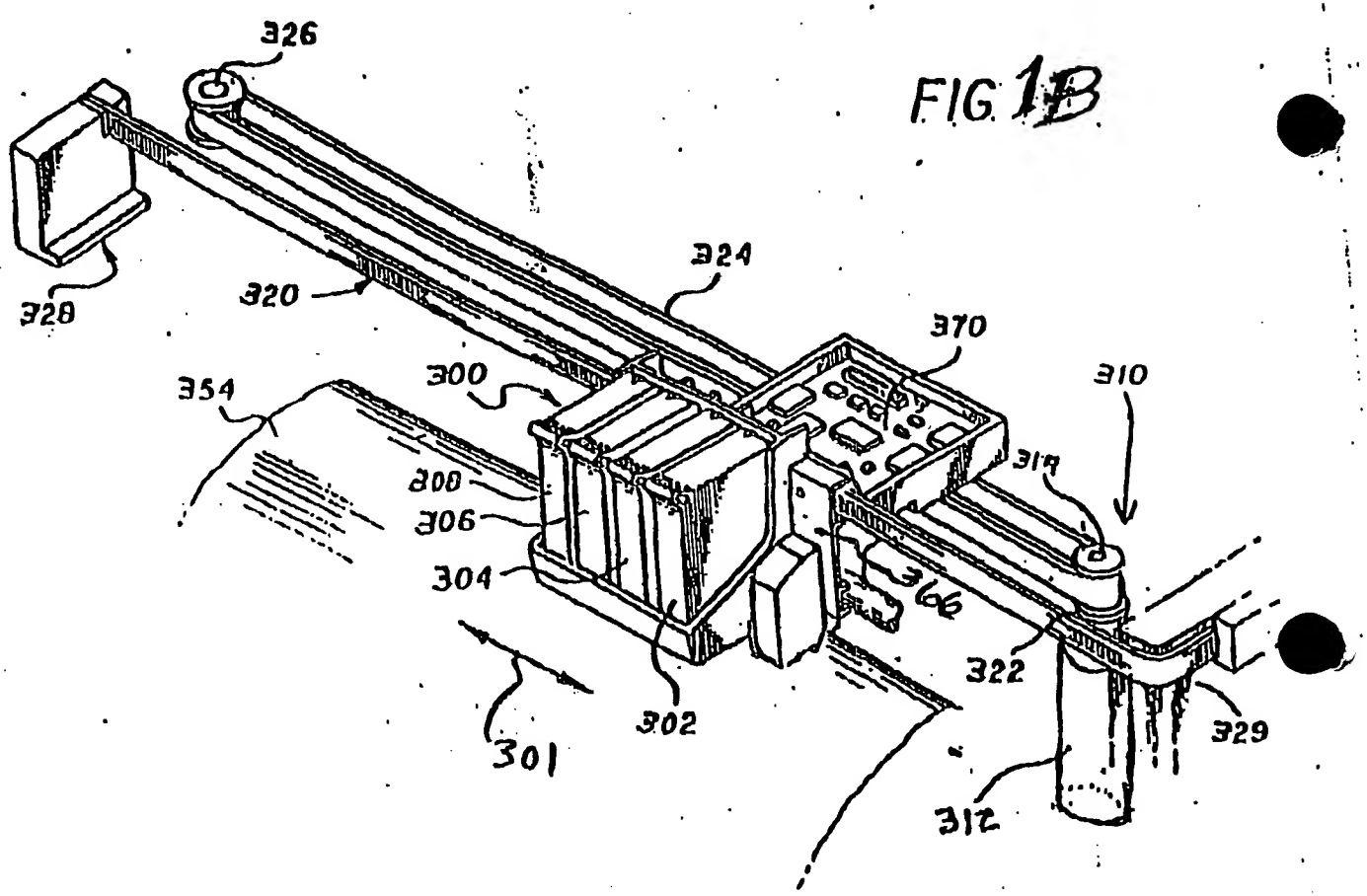


FIG 1B

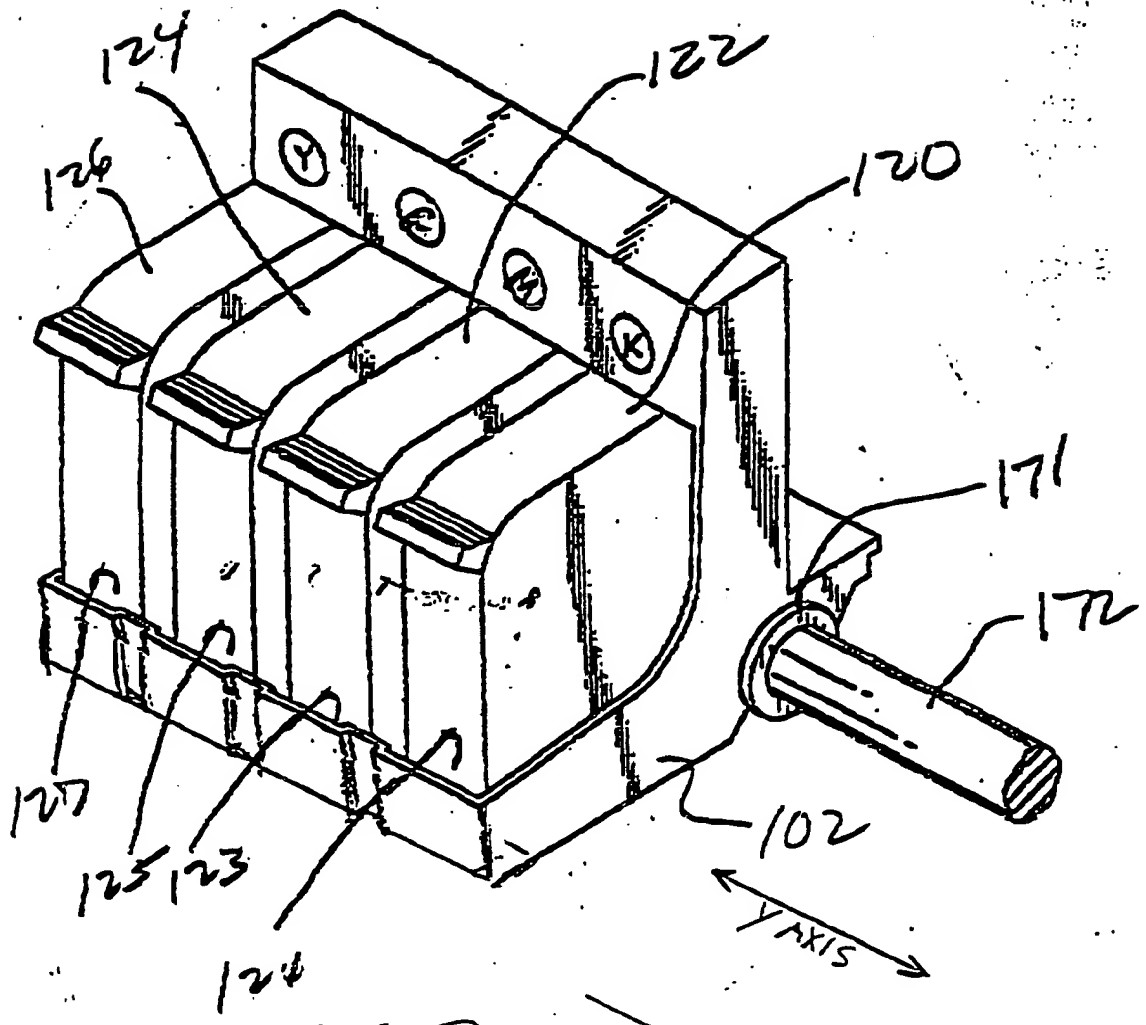
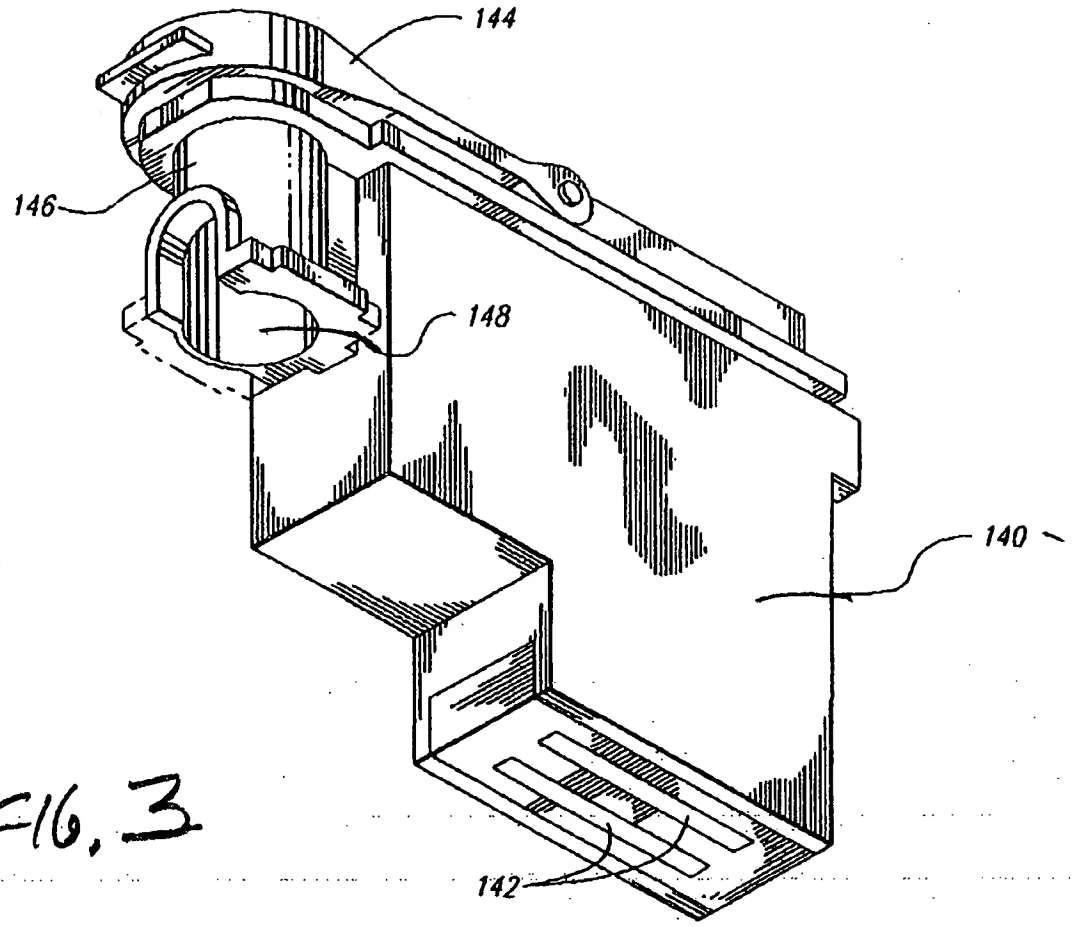

124
122
126
120
171
172
127
125
123
102
124
Y AXIS
PRIMARY SCAN DIRECTION

FIG. 2

DOTD20 98696nGO



F16, 3

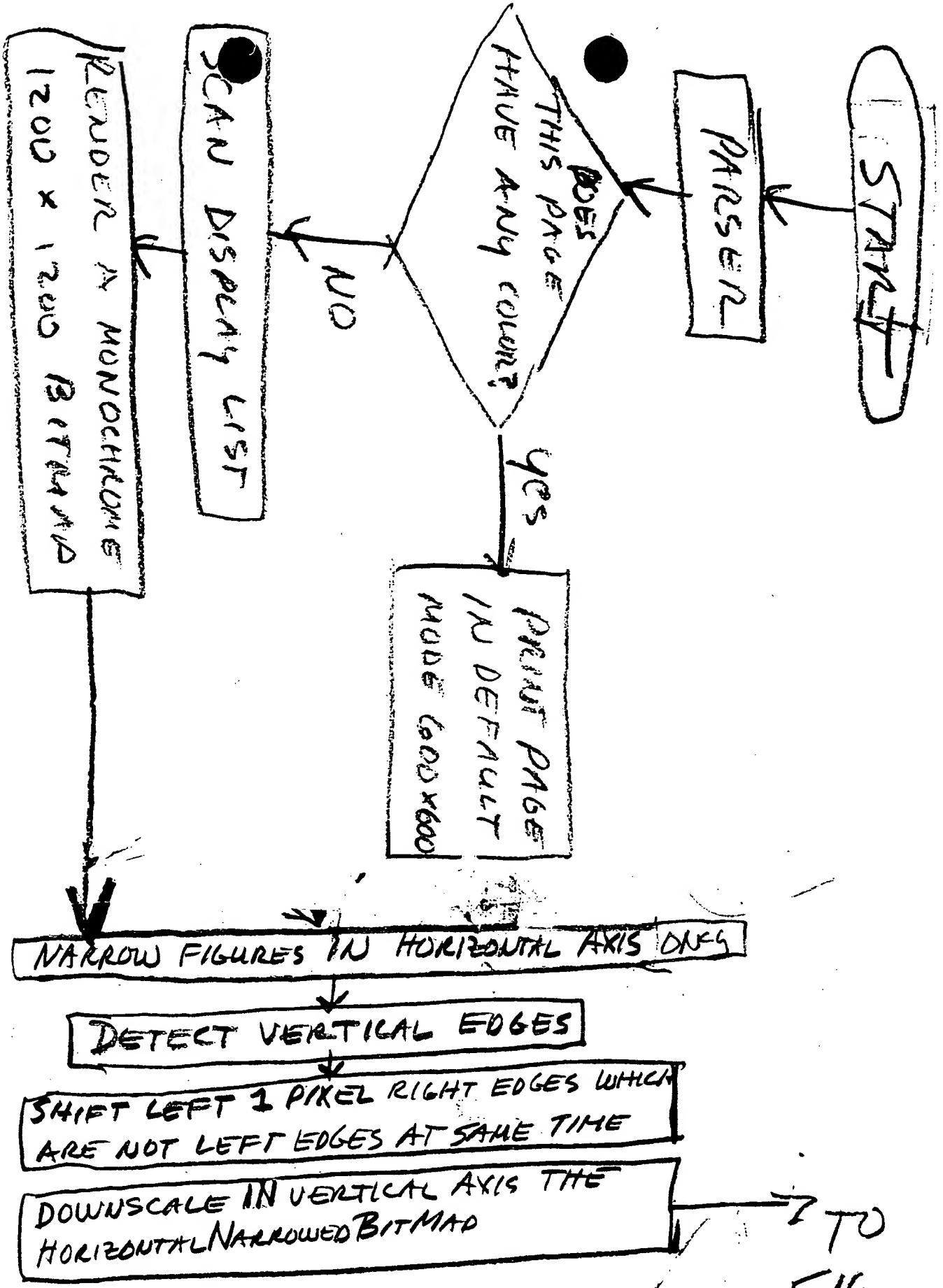
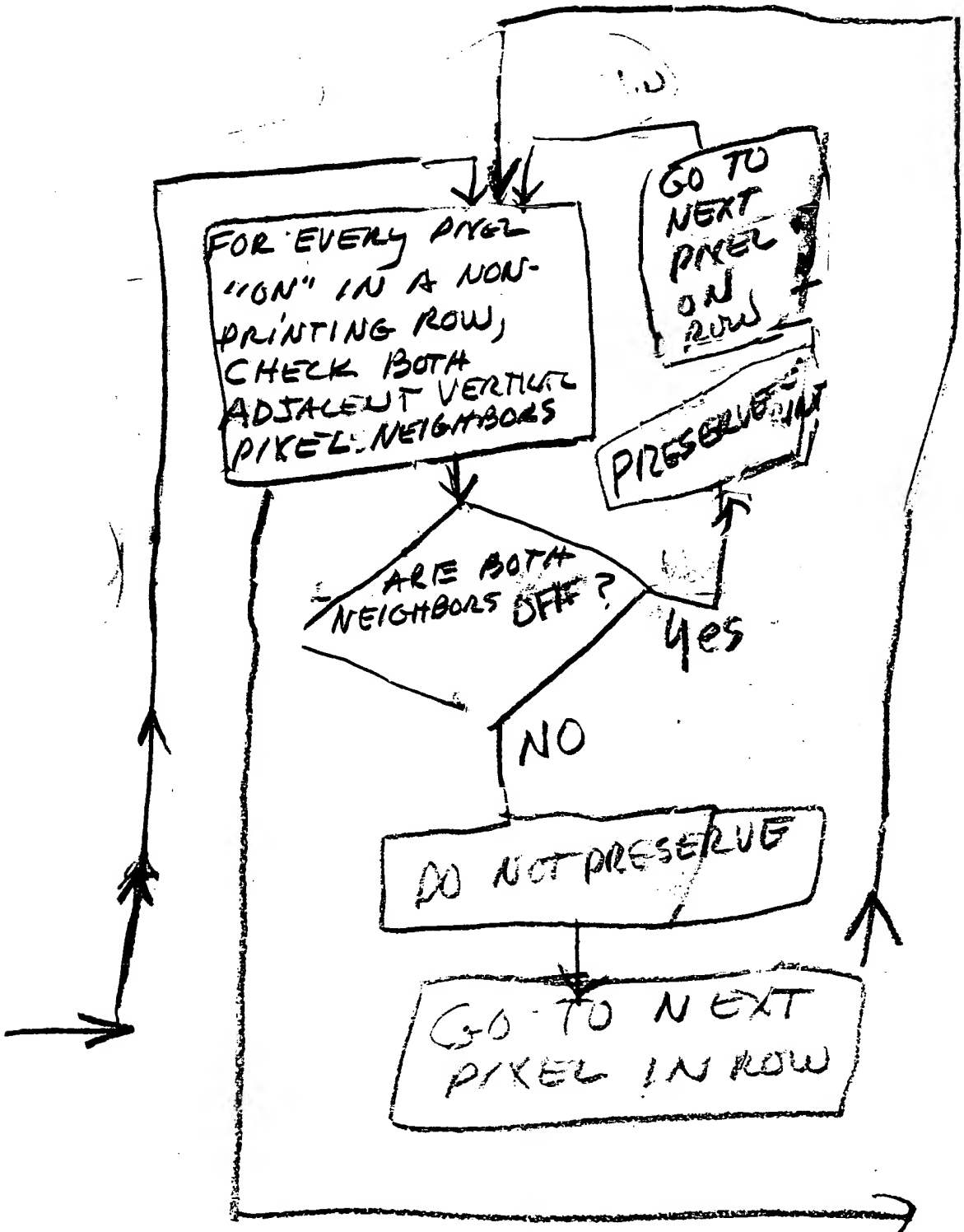

START
PARSER
DOES THIS PAGE HAVE ANY COLOR?
NO
YES
SCAN DISPLAY LIST
RENDER A MONOCHROME 1200 x 1200 BITMAP
PRINT PAGE IN DEFAULT MODE 600x600
NARROW FIGURES IN HORIZONTAL AXIS ONLY
DETECT VERTICAL EDGES
SHIFT LEFT 1 PIXEL RIGHT EDGES WHICH ARE NOT LEFT EDGES AT SAME TIME
DOWNSCALE IN VERTICAL AXIS THE HORIZONTAL NARROWED BITMAP
TO FIG. 4B

FIG. 4A



TO FIG. 4C

FIG. 4B

0070201 9885860

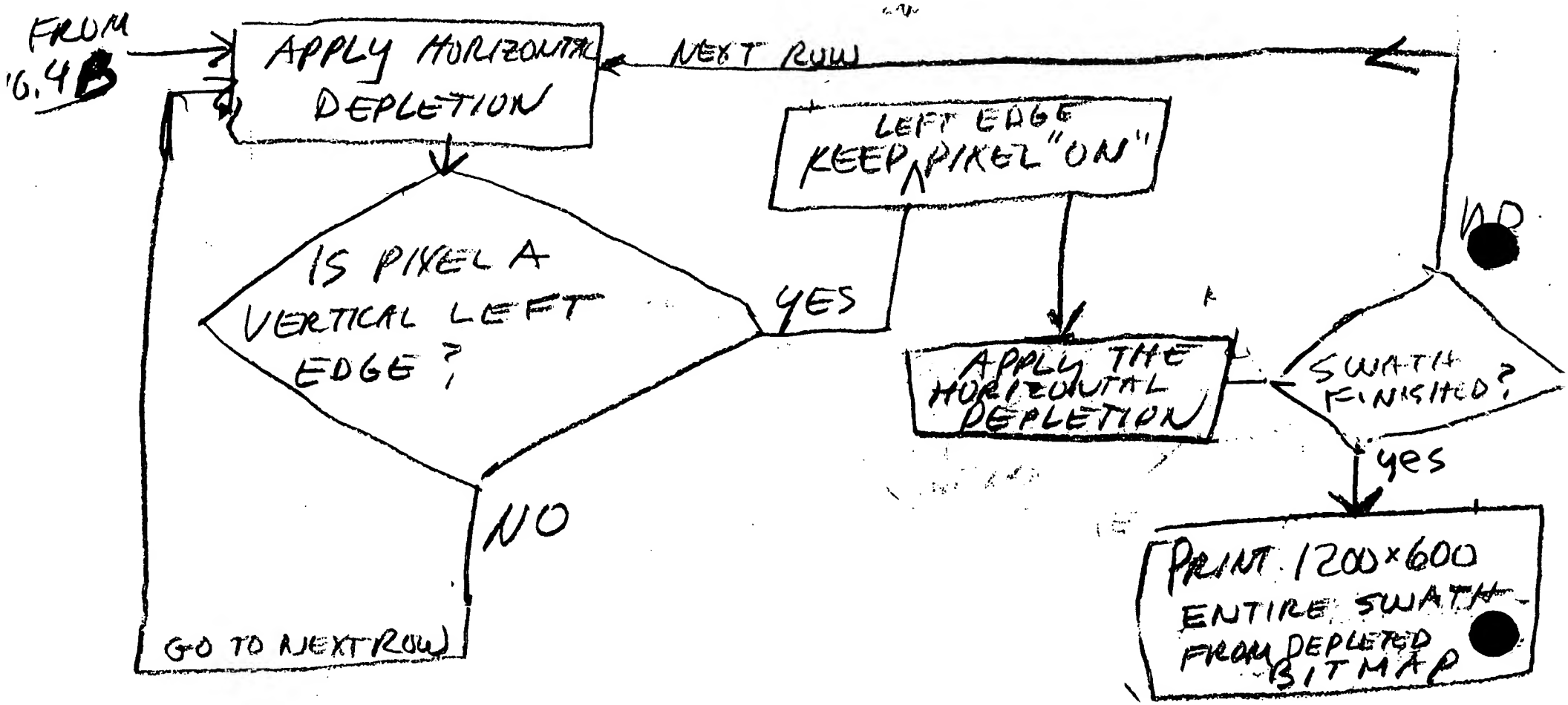


FIG. 4C

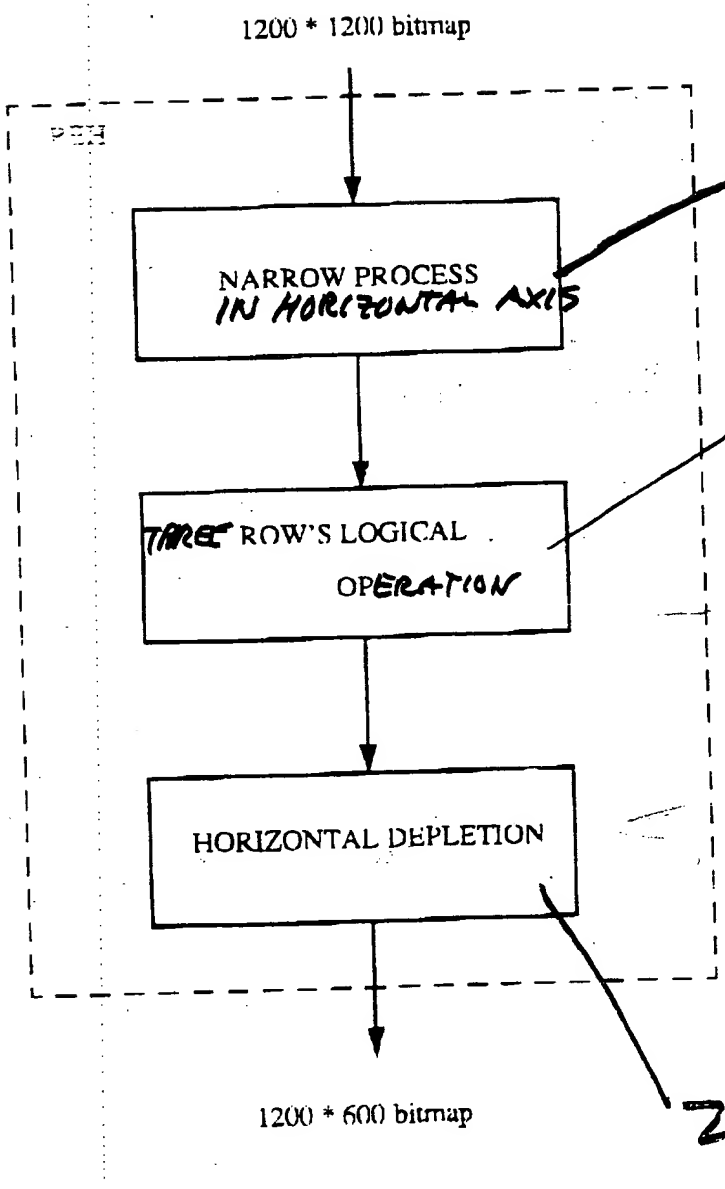

1200 * 1200 bitmap
NARROW PROCESS IN HORIZONTAL AXIS
THREE ROW'S LOGICAL OPERATION
HORIZONTAL DEPLETION
1200 * 600 bitmap
200
202
204

FIG 5

0070207 9885680

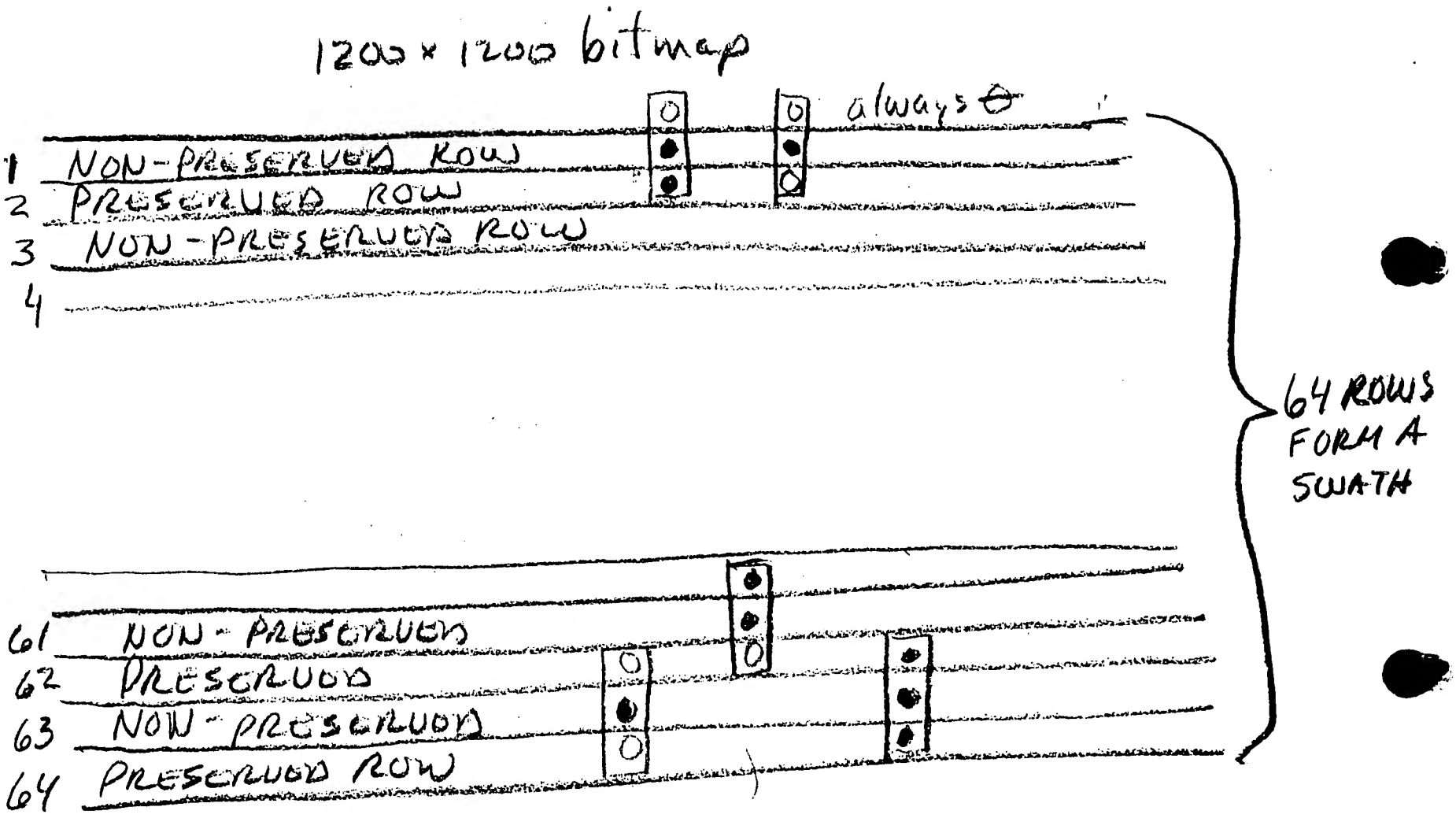
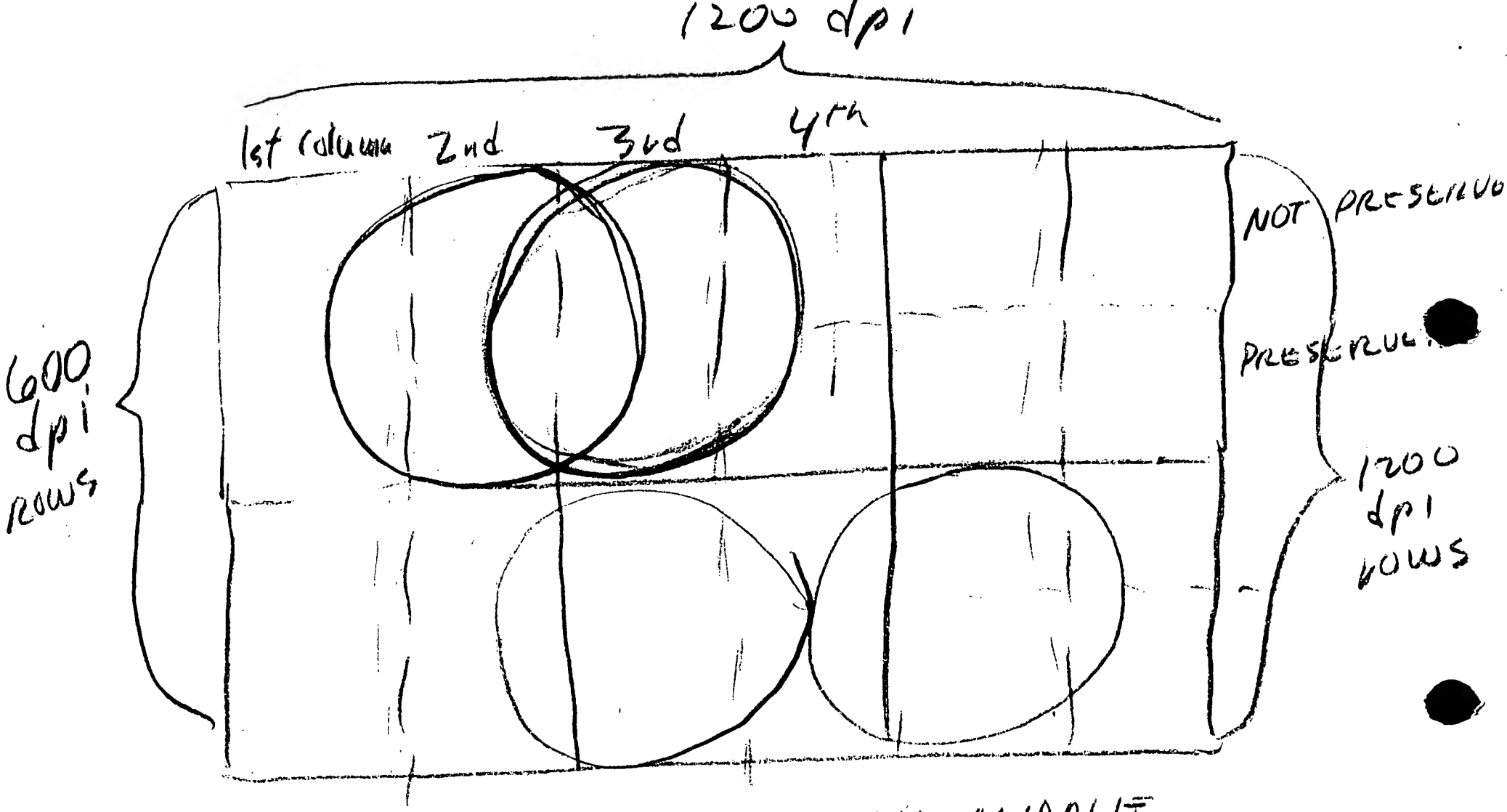


FIG. 6

0070203 9885680



ACTUAL DOT LOCATION IS IN MIDDLE BETWEEN NON-PRESERVED & PRESERVED ROWS

FIG. 7

0070200 9885660

HORIZONTAL DEPLETION PATTERN

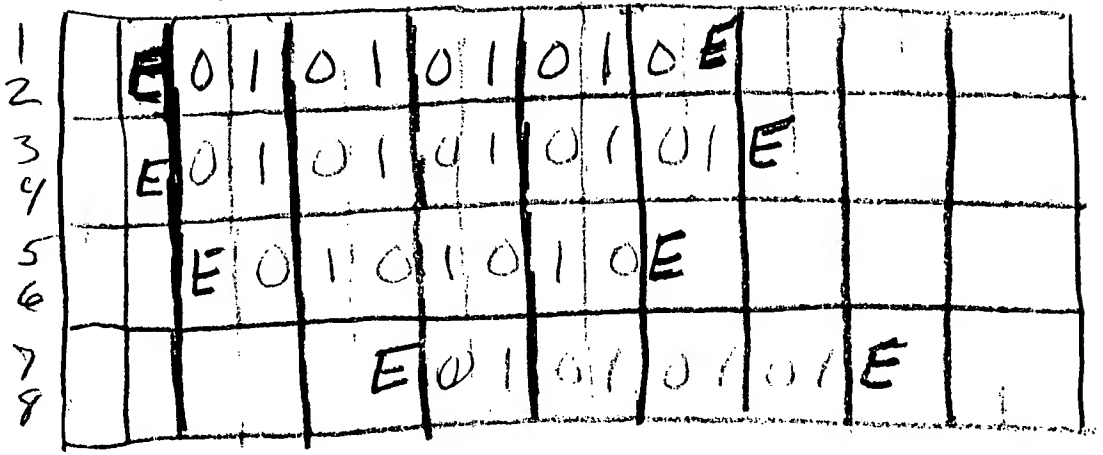
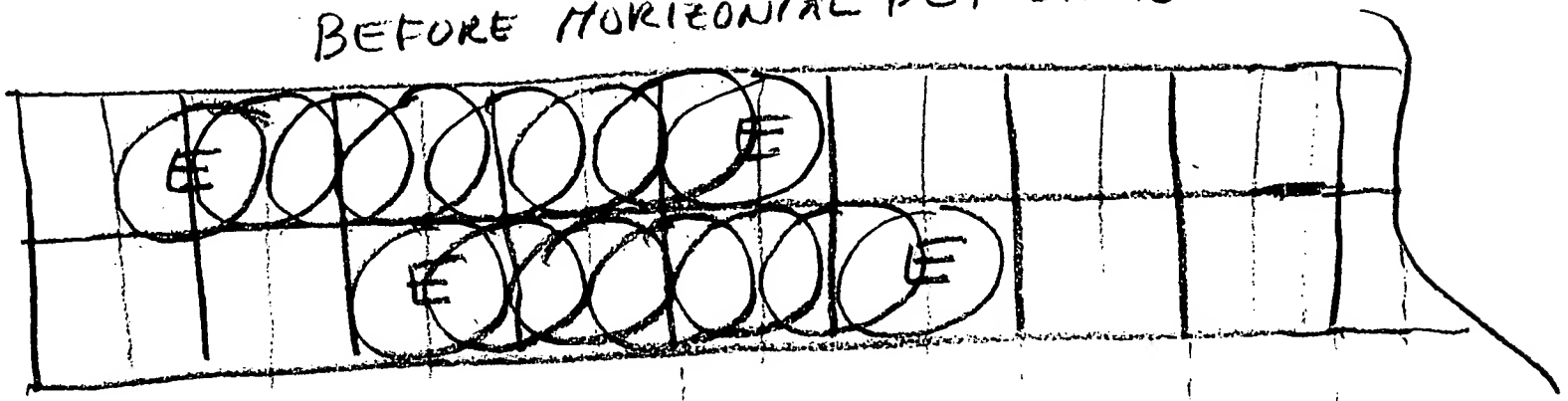


FIG. 8

00T020" 9885610

BEFORE HORIZONTAL DEPLETION



AFTER HORIZONTAL DEPLETION

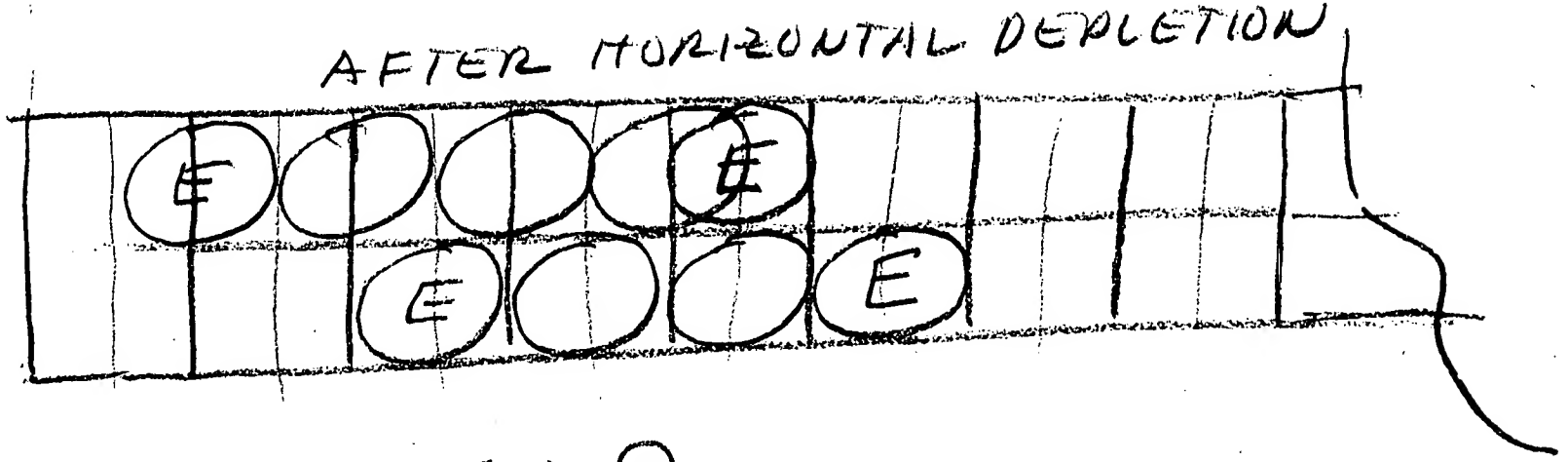


FIG. 9